Government of Saskatchewan

Statistical Supplement to the Annual Report for the Year Ending March 31, 1989

Saskatchewan Health

- Community Health Services Branch
- Mental Health Services Branch
- Laboratory and Disease Control Services Branch

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Community Health Services Branch

Community Health Services Branch

The Community Health Services Branch aims to protect, maintain, and improve people's health by providing public health nursing, public health inspection, nutrition information, early childhood psychology, speech and language pathology services, chiropody, community therapy, dental health education, hearing testing and related services, and special equipment for people with handicaps.

Table 1

Community Health Services

Nursing Services Prenatal

1987-88 and 1988-89 Fiscal Year

	Class 1 Now That You're Expecting a Baby		Class 2 Nutrition		Class 3 Labour and Delivery		Class 4 The Hospital Experience		Class 5 Adjustments		Class 6 The Newborn	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
No. of Classes Taught	179	187	175	188	208	215	217	221	206	215	200	209
No. of Mothers Attended	1,361	1,305	1,299	1,234	1,795	1,899	1,805	1,919	1,470	1,545	1,291	1,351
No. of Primi-gravidas	1,105	1,143	1,133	1,087	1,512	1,607	1,526	1,645	1,204	1,344	1,080	1,187
No. of Mothers:												
— 17 and younger	36	38	38	27	61	55	48	55	45	47	28	43
— 18-35	1,308	1,253	1,246	1,190	1,709	1,811	1,734	1,830	1,403	1,470	1,245	1,289
— over 35	17	14	15	17	25	33	23	34	22	28	18	22
No. of fathers/ coaches attended	1,091	1,120	1,081	1,045	1,560	1,673	1,541	1,676	1,247	1,313	1,071	1,125

Table 2

Community Health Nursing
Infant and Preschool Services
1987-88 and 1988-89 Fiscal Years

	1987-88	1988-89
Number Appointments Seen	61,463	59,329

	Total		Infant		Preschool	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
Immunizations:	92,976	96,369	47,896	46,857	45,080	49,534
DPT*	41,033	39,588	23,496	22,746	17,537	16,858
D.T.**	1,269	1,459	441	552	828	907
Oral Polio	41,780	40,730	23,758	23,205	18,022	17,525
M.M.R.***	8,584	8,180	—	—	8,584	8,181
Hib****	—	5,645	—	—	—	5,650
Other	304	767	201	354	103	413
Developmental Screening	37,010	34,484	9,525	12,650	27,485	21,834
— Failures	349	679	34	193	315	486
Hearing Screening	42,893	42,115	16,580	20,396	26,313	21,719
— Failures	1,295	1,091	30	27	1,265	1,064
Speech-Language Screening	6,562	7,059	0	0	6,562	7,059
— Failures	1,325	1,288	0	0	1,325	1,288
Vision Screening	8,074	7,928	3	0	8,071	7,928
— Failures	979	782	—	0	979	782
Nutrition Assessment	50,166	58,417	25,695	29,058	34,471	29,359
— Failures	378	452	204	275	174	177
Physical Assessment	65,209	57,787	31,205	28,824	34,004	28,963
— Failures	934	1,152	545	712	389	440

* Diphtheria, Petussis, Tetanus
** Diphtheria, Tetanus
*** Measles, Mumps, Rubella
**** Haemophilus Type b Conjugate Vaccine implemented July 1, 1988

Community Health Nursing
Home Visits or Contacts

	Totals		Home Visits		Interviews/ Other Contacts	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
Prenatal	3,457	4,251	1,275	1,237	2,182	3,014
Postnatal	10,780	11,585	6,279	6,393	4,501	5,192
Infant	11,946	10,330	6,978	3,408	4,968	6,922
Preschool	6,854	9,779	—	3,913	—	5,866
School	—	8,457	—	1,508	—	6,949
Adult:						
— under 65	4,380	11,317	4,380	4,305	—	7,012
— over 65	3,838	8,316	3,838	4,988	—	3,328
Special*	15,209	10,490	11,062	5,472	4,147[1]	5,018[1]
Communicable Disease	285	6,805	285	1,800	—	5,536
Referrals	6,995	4,591	—	—	—	—

* — Includes SAIL, Mentally Ill, Physically Disabled and Mentally Disabled

[1] — Includes SAIL

Community Health Nursing
— School Program

	1987-88	1988-89
Student Programs		
Teacher Nurse Conference	3,228	9,813
Students Seen	49,025	42,500
Education Program	—	467
— students attending	12,926	13,174
Number of Immunizations	28,508	23,424

Table 1

Number of Facilities and Actual On-Site Visits or Inspections, Public Health Inspection Services, Saskatchewan Health Regions, 1987-88 and 1988-89

Type of Activity	Number of Facilities		Number of Field Visits		Number of Formal Inspections	
	1987-88	1988-89	1987-88	1988-89	1987-88	1988-89
Eating Establishments	2,792	2,890	2,738	3,050	2,683	2,858
Food Distribution	1,271	1,281	597	645	546	567
Food Processing	204	315	233	235	232	175
Liquor Outlets	628	641	413	323	495	529
Communal Water System	1	2	51	42	1	—
Private Water Supply	—	—	246	225	—	—
Public Water Supply	393	401	250	153	117	63
Communal Sewerage Systems	2	2	46	16	—	—
Private Sewerage Systems	—	—	806	921	—	—
Public Sewerage Systems	18	18	29	40	3	6
Solid Waste Disposal	—	—	95	84	—	—
Liquid Waste Transport	—	—	665	422	—	—
Hospitals	121	122	64	70	37	31
Schools	734	724	71	72	61	79
Institutions	456	460	202	231	217	204
Housing	—	—	685	586	—	—
Mobile Home Parks	105	103	110	70	71	71
Trailer Courts	35	38	30	28	27	26
Hotels	461	460	306	221	440	456
Motels	218	220	77	79	196	242
Industrial Facilities	14	12	58	44	9	—
Swimming Pools	279	288	780	650	296	324
Agricultural Facilities	—	—	84	70	—	—
Personal Service Facilities	631	645	79	110	37	49
Recreational Facilities	1,036	1,118	839	794	503	540
Public Facilities	322	324	277	244	53	33
Plumbing	—	—	3,959	3,022	—	—
Investigations	—	—	409	487	—	—
TOTAL	9,721	10,064	14,199	12,934	6,024	6,137

Table 6

Compliance to Milk Quality Standards 1987-88 and 1988-89

Milk quality standards	Per cent compliance 1987-88	1988-89
Average	97.85	—
Standard plate count*	99.18	98.81
Coliform plate count**	97.18	96.79
Phosphatase test†	100.00	100.00
Test for inhibitors††	100.00	100.00
Commingled raw milk count†††	97.24	96.43

* Less than 30,000 bacteria per millilitre
** Less than 3 coliform bacteria per millilitre
† Color equivalent to less than 1 microgram of phenol per millilitre
†† Less than 0.05 units of penicillin per millilitre
††† Less than 300,000 bacteria per millilitre

Table 7

Nutrition Services, Health Regions

Activity	1987-88	1988-89
Group Discussions, workshops (attendance)	230 (4,996)	315 (5,885)
Newspaper articles, radio, television and special materials	222	151
Clients counselled	365	309
Clients screened	186	223
Consultations re: clients	266	271
Consultation services to staff, health professionals, etc.	2,324	2,692

Table 8

Early Childhood Psychology Caseload Statistics 1988-89

Number of Referrals	547
Number of Appointments	1,251
Number of Discharges	562
Caseload-Year-end	430
Average Caseload (Year-end)	107

Table 9

Speech-Language Pathology Caseload

Year Start Caseload	1,858
Number of Referrals	1,721
Number of Discharges	1,791
Year End Caseload	1,788
Number of Assessments	1,347
Number of Consultations	624

Table 10

Community Health Dental Health Education Enrolment

	1987-88	1988-89
Preschool Students Enrolled in Dental Health Education	3,403	4,710
Kindergarten	16,975	15,933
Grade 1	16,550	17,072
Grade 2		15,984
Grade 3	16,533	15,830
Grade 4	15,930	15,515
Grade 5		15,197
Grade 6		15,183
Other (special education students)		984
TOTAL	68,391	116,408

Table 11

Community Therapy Services

	1987-88	1988-89
A. Patient Services		
new referrals (1987-88)	5,120	5,834
patient treatments	17,600	19,454
Average number of Patients on treatment per month	1,024	1,200
B. Health Education/Promotion		
education to nursing staff	950 hrs.	800 hrs.
(hospitals, special care homes, home care) health promotion		
general public	645 hrs.	400 hrs.
	1,545 hrs.	1,200 hrs.
C. Facilities Receiving Regular Service March 31/88		
rural hospitals	71	88
rural special care homes	74	90
D. Communities receiving regular service	92	113

Table 12

Chiropody Program Caseload
1987-88 and 1988-89

	1987-88	1988-89
New Patients	7,644	7,405
Return Patients	34,114	34,931
Total Patient Services:	41,758	42,336
Active Caseload	15,288	15,342
No. of orthotics fitted	437	432

Table 13

Saskatchewan Hearing Aid Plan Services

Service	1987-88	1988-89
Total	29,404	30,364
Audiological evaluations	8,758	9,161
Hearing aid evaluations	4,371	4,652
Hearing aid checks	1,627	1,791
Drop-in services	14,648	14,760

Table 14

Saskatchewan Aids to Independent Living Plan Services

	Equipment Issued	
Equipment group	1987-88	1988-89*
Total	28,335	30,441
Wheelchairs	3,214	3,387
Other mobility aids	6,586	6,983
Environmental aids	18,535	20,071

* preliminary estimates

Table 15

Saskatchewan Aids to Independent Living
Total Beneficiaries and Special Benefits
As of March 13, 1989

Registered Caseload		47,906
Special Benefits		
Para Program	1,244	
Cystic Fibrosis	97	
Renal Disease	270	
Ostomy	1,292	
Aids to Blind	1,351	
Nutritional Supplements	26	
TOTAL	4,280	

Table 16

Staffing, Approved Person Year Distribution
Community Health Services

Organizational Unit	1988-89
Total	417.5
Health Regions	343.3
General Administration	25.4
Sask. Hearing Aid Plan	30.8
Sask. Aids to Independent Living	18.0

Table 17

Revenue

Community Health Services

1987-88 and 1988-89

Revenue	1987-88	1988-89
Total	$1,512,040	$1,677,990
Public Health Tax Levy*	307,100	314,340
Permits, licences	9,030	7,500
Chiropody and Nursing	58,720	64,740
SHAP		
— Hearing aids	744,000	833,000
— Hearing aid batteries	78,950	11,250
— Hearing aid moulds	43,260	50,200
— Hearing aid repairs	89,610	94,550
— Third party recoveries	141,500	165,230
— Auditory trainers	2,940	4,650
— Hearing aid accessories	12,650	14,440
SAIL		
— Commodity sales	24,280	118,090

* The Public Health Levy is collected and deposited by Saskatchewan Revenue and Financial Services

Table 18

Expenditure

Community Health Services

1987-88 and 1988-89

	1987-88		1988-89	
Distribution	Expenditure	Per cent	Expenditure	Per cent
Total	28,333,870	100.0	27,897,100	100.0
Health Regions	10,812,300	38.2	12,524,750	44.9
Community Therapy*	839,580	3.0	—	—
Medical Services Division**	4,310,800	15.2	—	—
General Administration	1,344,940	4.8	1,962,800	7.0
Grants to other health agencies	2,637,320	9.3	2,900,710	10.4
Dental Health Education*	347,410	1.2	—	—
SHAP	1,853,290	6.5	2,125,320	7.6
SAIL	6,188,230	21.8	8,383,520	30.1

* Community Therapy and Dental Health Education are included in Administration.

** Transferred to insurance services.

Mental Health Services Branch

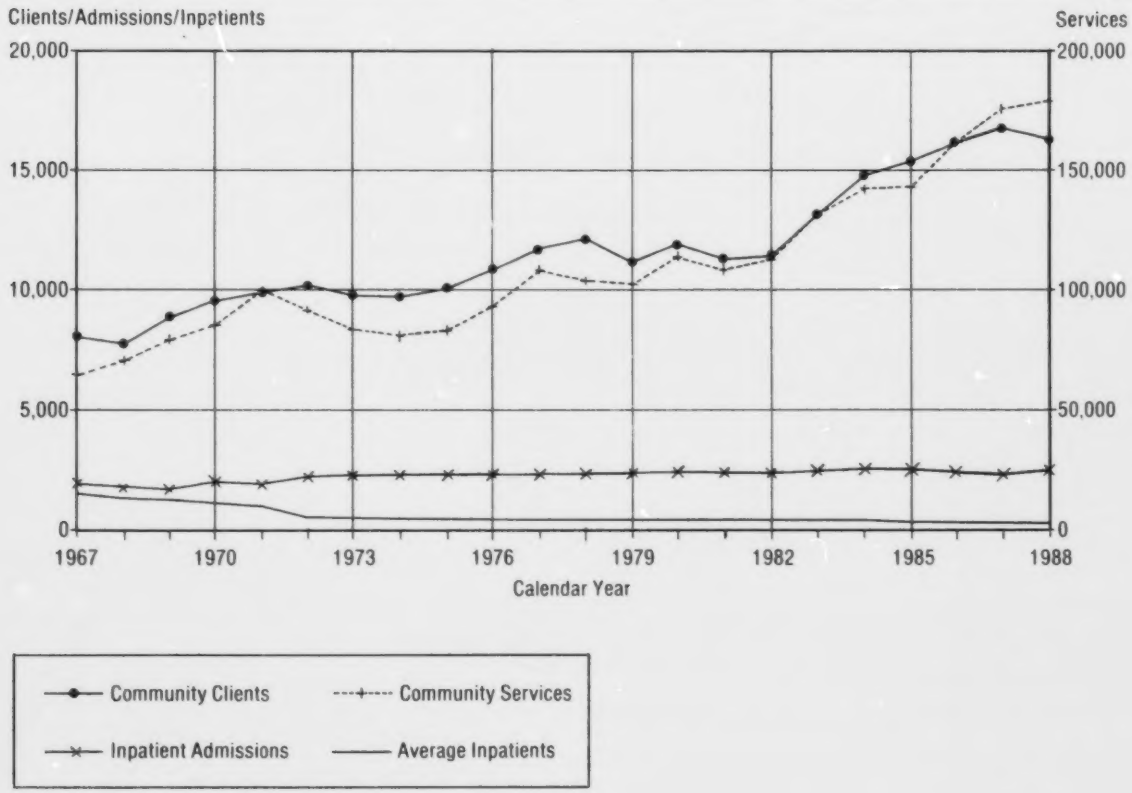
Mental Health Services Branch

The Mental Health Services Branch ensures that all residents have access to comprehensive mental health services. The branch provides or oversees a full range of community-based services and hospital programs in each of the eight mental health regions. Private practitioners and voluntary non-profit organizations also provide some services.

Figure 1

Mental Health Services Branch

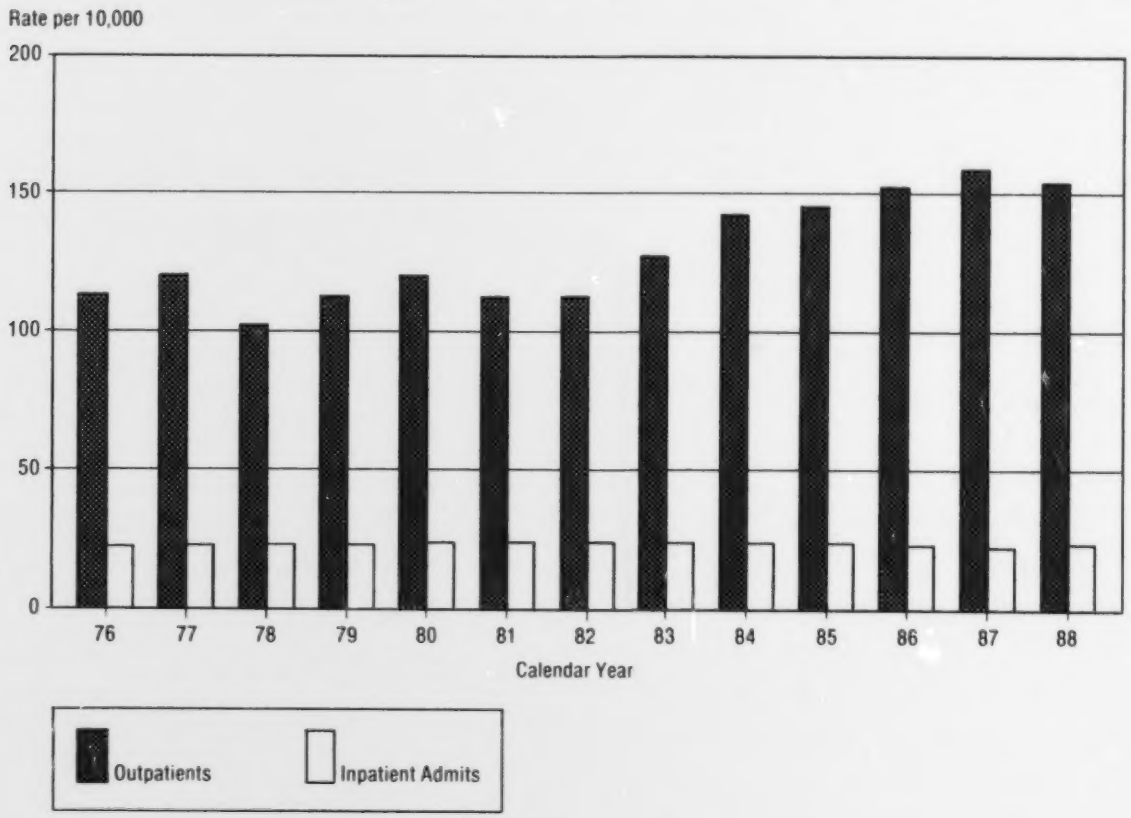
Changes in Service Volumes 1967 - 1988



Current Mental Health Services Branch Facilities only.

Figure 2

Mental Health Services Branch
Utilization Rates — 1976 Through 1988



Services provided by MHSB only — based on total provincial population.

Ten Most Frequently Used Diagnoses Ordered By Frequency of Use — 1988

Mental Health Services Branch Patients By Type of Service Received

Persons Receiving Outpatient Services. Primary Diagnosis — (DSM-III)		% Freq	Persons Receiving Inpatient Services. Primary Diagnosis — (DSM-III)		% Freq	All Persons Receiving Services. Primary Diagnosis — (DSM-III)		% Freq
V___-	V code (incl. observation)	28.5%	296 -	Affective Psychosis	26.3%	V___-	V code (incl. observation)	27.9%
none -	none or deferred	12.8%	295 -	Schizophrenia	24.1%	none -	none or deferred	12.5%
300 -	Neurotic Disorder	9.5%	300 -	Neurotic Disorders	13.2%	300 -	Neurotic Disorder	9.5%
295 -	Schizophrenia	8.8%	303 -	Alcohol Dependence Syndrm	6.9%	296 -	Affective Psychosis	9.2%
296 -	Affective Psychosis	8.7%	V___-	V code (incl. observation)	4.5%	295 -	Schizophrenia	9.1%
S___-	Spcl. Code (Battering, etc.)	7.7%	290 -	(Pre)Senile Orgn. Psychosis	4.1%	309 -	Adjustment Reaction	7.6%
309 -	Adjustment Reaction	7.7%	309 -	Adjustment Reaction	3.7%	S___-	Spcl. Code (Battering, etc.)	7.5%
312 -	Othr. Disturbance of Conduct	2.1%	305 -	Nondependent Drug Abuse	2.6%	312 -	Othr. Disturbance of Conduct	2.1%
313 -	Chldhd./Adlscnt. Dstrb. Emtns.	1.6%	298 -	Other NonOrganic Psychosis	2.0%	313 -	Chldhd./Adlscnt. Dstrb. Emtns.	1.5%
305 -	Nondependent Drug Abuse	1.3%	297 -	Paranoid States	1.8%	303 -	Alcohol Dependence Syndrm.	1.5%
	Other Diagnoses	11.3%		Other Diagnoses	10.8%		Other Diagnoses	11.6%

Notes: — Does not include persons receiving services from the Saskatchewan Hospital North Battleford.
— A single individual may be counted as both an inpatient and an outpatient.
— ICD-9 descriptions are used with DSM-III diagnoses.

Community Clients By Mental Health Region
1984 Through 1988

Mental Health Region	— 1984 —		— 1985 —		— 1986 —		— 1987 —		— 1988 —	
Total	14,790	(142,068)	15,276	(142,895)	16,054	(161,310)	16,744	(175,421)	16,303	(178,454)
Battlefords	2,119	(24,267)	1,936	(22,664)	1,994	(22,596)	2,029	(30,504)	2,062	(31,675)
Moose Jaw	995	(11,944)	933	(12,951)	1,064	(15,748)	1,344	(14,457)	1,268	(13,182)
Prince Albert	2,495	(18,316)	2,541	(16,962)	2,623	(17,337)	2,846	(19,426)	2,841	(19,509)
Regina										
Mental Health Clinic	2,134	(25,385)	2,466	(27,028)	2,746	(31,814)	2,[illegible]2	(30,458)	2,622	(32,216)
Child and Youth Services	1,377	(8,154)	1,275	(7,112)	1,214	(7,262)	1,260	(7,591)	1,216	(8,419)
Regina — Total	3,511	(33,539)	3,741	(34,140)	3,960	(39,076)	3,822	(38,049)	3,838	(40,635)
Saskatoon										
Mental Health Clinic	1,586	(12,560)	1,494	(12,304)	1,568	(13,054)	1,533	(12,345)	1,287	(11,561)
MacNeill Clinic	901	(5,358)	1,153	(7,669)	1,166	(8,069)	1,362	(10,240)	1,322	(11,591)
Saskatoon — Total	2,487	(17,918)	2,647	(19,973)	2,734	(21,123)	2,895	(22,585)	2,609	(23,152)
Swift Current	803	(8,684)	938	(9,620)	824	(9,194)	836	(8,871)	769	(8,841)
Weyburn	994	(11,225)	1,129	(12,140)	1,328	(20,723)	1,583	(26,182)	1,648	(25,544)
Yorkton	1,386	(16,175)	1,411	(14,445)	1,527	(15,513)	1,419	(15,347)	1,268	(15,916)

— Community Clients include persons of all ages as well as registered families.
— Saskatchewan Hospital numbers are included in the Battlefords figures.
— Numbers of community services are indicated in parentheses.

Figure 3

Mental Health Services Branch — 1988
Characteristics of Community Clients

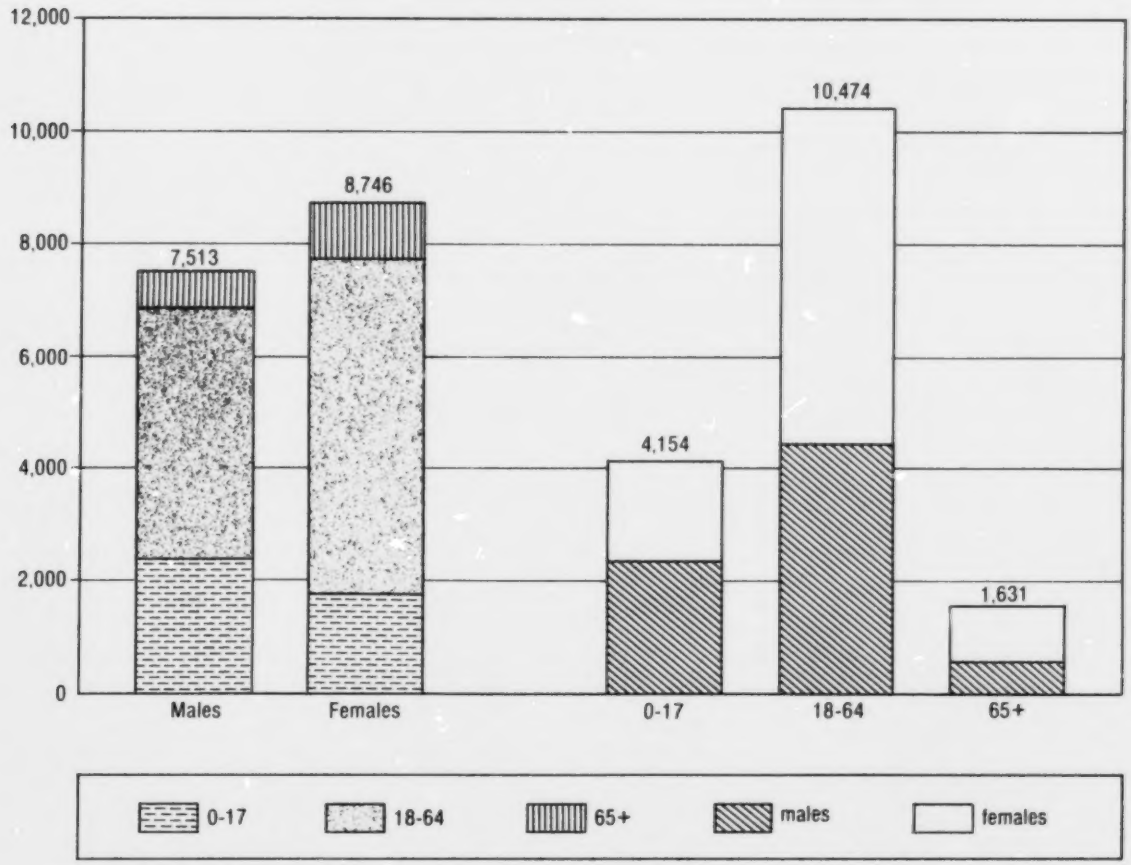


Table 21

Children and Youth Receiving Community Services By Mental Health Region 1984 Through 1988

Mental Health Region	— 1984 —		— 1985 —		— 1986 —		— 1987 —		— 1988 —	
Battlefords	404	(3,369)	297	(2,499)	262	(1,590)	362	(2,099)	382	(2,459)
Moose Jaw	185	(1,170)	167	(1,268)	138	(766)	143	(649)	150	(867)
Prince Albert	481	(2,755)	488	(2,379)	484	(2,173)	547	(2,471)	541	(2,392)
Regina										
Mental Health Clinic	27	(112)	24	(186)	28	(119)	15	(87)	13	(27)
Child and Youth Services	1,330	(7,890)	1,229	(6,843)	1,180	(7,079)	1,218	(7,334)	1,165	(7,975)
Regina — Total	1,357	(8,002)	1,253	(7,029)	1,208	(7,198)	1,233	(7,421)	1,178	(8,002)
Saskatoon										
Mental Health Clinic	39	(230)	26	(169)	30	(156)	33	(134)	56	(296)
MacNeill Clinic	660	(3,288)	1,058	(6,840)	1,129	(7,796)	1,313	(9,798)	1,259	(11,024)
Saskatoon — Total	699	(3,518)	1,084	(7,009)	1,159	(7,952)	1,346	(9,932)	1,315	(11,320)
Swift Current	134	(1,190)	162	(1,565)	160	(1,190)	140	(769)	113	(978)
Weyburn	186	(1,587)	195	(1,747)	228	(2,719)	284	(4,184)	330	(4,825)
Yorkton	178	(1,643)	220	(1,593)	216	(1,449)	221	(1,370)	175	(1,134)
Total	3,624	(23,234)	3,866	(25,089)	3,855	(25,037)	4,276	(28,895)	4,184	(31,977)

— Persons 17 years of age and younger are considered to be Children and Youth.
— Numbers of community services are indicated in parentheses.

Persons 65 Years of Age and Older Receiving Community Services By Mental Health Region 1984 Through 1988

Mental Health Region	— 1984 —		— 1985 —		— 1986 —		— 1987 —		— 1988 —	
	persons	services	persons	services	persons	services	persons	services	persons	services
Battlefords	263	(2,592)	239	(2,248)	261	(2,988)	245	(2,450)	242	(2,421)
Moose Jaw	166	(2,325)	149	(2,658)	175	(3,186)	228	(3,104)	214	(2,608)
Prince Albert	240	(1,846)	225	(1,707)	274	(1,716)	252	(1,892)	220	(1,790)
Regina	146	(2,150)	178	(2,183)	203	(2,723)	168	(2,675)	152	(2,702)
Saskatoon	165	(1,585)	129	(1,260)	152	(1,432)	135	(1,206)	84	(907)
Swift Current	136	(1,362)	149	(1,459)	130	(1,697)	155	(2,008)	125	(1,687)
Weyburn	242	(2,568)	246	(2,346)	280	(4,711)	362	(5,856)	367	(5,469)
Yorkton	260	(3,181)	261	(2,864)	272	(3,043)	258	(2,465)	217	(2,390)
Total	1,618	(17,609)	1,576	(16,725)	1,747	(21,496)	1,803	(21,656)	1,621	(19,974)

Mental Health Services Branch — 1988
Summary of Community Services

Mental Health Region	— Registered Clients —		— — Other Service — —						
	Persons	Services	Non Rgstrd. Clients	Consul-tations	Educa-tion	Comm. Devel.	Resid.	Total 0 Srvs.	Total Services
Battlefords	2,062	31,675	1,238	499	119	352	448	2,656	34,331
Moose Jaw	1,268	13,182	285	275	32	189	147	928	14,110
Prince Albert	2,841	19,509	861	653	291	691	82	2,578	22,087
Regina									
Mental Health Clinic	2,622	32,216	3,297	867	424	348	40	4,976	37,192
Child and Youth Services	1,216	8,419	1,479	357	352	72	0	2,260	10,679
Regina — Total	3,838	40,635	4,776	1,224	776	420	40	7,236	47,871
Saskatoon									
Mental Health Clinic	1,287	11,561	1,788	677	279	378	427	3,549	15,110
MacNeill Clinic	1,322	11,591	468	381	217	102	0	1,168	12,759
Saskatoon — Total	2,609	23,152	2,256	1,058	496	480	427	4,717	27,869
Swift Current	769	8,841	979	634	154	479	124	2,370	11,211
Weyburn	1,648	25,544	2,035	3,344	1,046	805	52	7,282	32,826
Yorkton	1,268	15,916	1,599	498	142	172	540	2,951	18,867
	16,303	178,454	14,029	8,185	3,056	3,588	1,860	30,718	209,172

Note: — other services do not include travel or unidentified services.
— Saskatchewan Hospital has been combined with the Battleford Mental Health Centre.

Mental Health Services Branch

Inpatient Movements on Designated Psychiatric Wards During 1988

	— Mental Health Centres —				— Psych Wards —		Branch Sub-Total	Saskatchewan Hospital	Total All Facilities
	Battlefords	Prince Albert	Weyburn	Yorkton	Moose Jaw	Swift Current			
Psychiatric Beds	32	60	45	48	20	14	219	209	428
In care on January 1, 1988									
in hospital	19	34	15	26	9	11	114	185	299
on leave	15	0	4	0	0	0	19	7	26
total	34	34	19	26	9	11	133	192	325
Admissions during 1988									
first admissions	155	369	67	131	94	59	875	8	883
readmissions	137	822	166	217	212	100	1,654	7	1,661
total	292	1,191	233	348	306	159	2,529	15	2,544
Separations during 1988									
discharges	285	1,185	236	348	303	157	2,514	10	2,524
deaths	2	2	0	0	0	0	4	10	14
total	287	1,187	236	348	303	157	2,518	20	2,538
In care on December 31, 1988									
in hospital	13	38	15	26	12	13	117	178	295
on leave	26	0	2	0	0	0	28	9	37
total	39	38	17	26	12	13	145	187	332
Involuntary patients during 1988	96	118	28	50	57	33	382	14	396
Total number of patient days	8,366	17,951	7,695	8,895	5,037	4,694	52,638	68,734	121,372
Average daily patient census	22.9	49.0	21.0	24.3	13.8	12.8	143.8	187.8	331.6
Average length of stay in days	44.4	13.8	35.5	26.9	16.8	28.5	22.4	6,589.5	74.2
								18.0 yrs.	

Involuntary patients include persons made involuntary after admission as well as admissions under the authority of orders and warrants.

Table 25

Mental Health Services Branch — Comparative Inpatient Statistics — 1985 Through 1988

Designated Inpatient Facility	1985 total admits	1985 average census	1985 average stay	1986 total admits	1986 average census	1986 average stay	1987 total admits	1987 average census	1987 average stay	1988 total admits	1988 average census	1988 average stay
Battlefords Mental Health Centre	275	23.2	39.9	247	24.6	50.9	267	20.1	44.1	292	22.9	44.4
Moose Jaw Mental Health Centre	373	13.8	13.4	307	13.4	15.9	336	15.5	16.6	306	13.8	16.8
Prince Albert Mental Health Centre	1,092	46.2	15.4	1,084	48.5	15.9	1,026	48.8	17.9	1,191	49.0	13.8
Swift Current Psychiatric Ward	188	13.7	29.6	199	12.9	22.0	180	10.2	20.9	159	12.8	28.5
Weyburn Mental Health Centre	184	31.0	53.4	198	26.6	44.5	209	29.9	47.9	233	21.0	35.5
Yorkton Mental Health Centre	426	41.3	33.2	422	35.2	29.4	349	27.6	45.6	348	24.3	26.9
Total — Centres and Wards	2,538	169.2	24.6	2,457	161.3	24.5	2,367	152.1	27.8	2,529	143.8	22.4
Saskatchewan Hospital North Battleford	17	197.1	5,813 15.9 yrs.	16	195.1	5,856.2 16.0 yrs	18	189.6	2,984.2 8.2 yrs.	15	187.8	6,589.5 18.0 yrs.
Total — All Inpatient Facilities	2,555	366.3	72.0	2,473	356.3	74.1	2,385	341.7	53.4	2,544	331.6	74.2

Table 26

Mental Health Services Branch Residential Services — 1988

Group Homes	
Number	12
Capacity	77
Supervised Apartments	
Capacity	85
Approved Homes	
Number	200
Capacity	703
Residents	590
Total Capacity	865

The Mental Health Services Branch manages a residential service continuum that makes it possible to maintain persons with psychiatric disabilities in the community. Group homes and supervised apartments are operated by community boards while approved homes are private boarding homes that meet physical and emotional care standards.

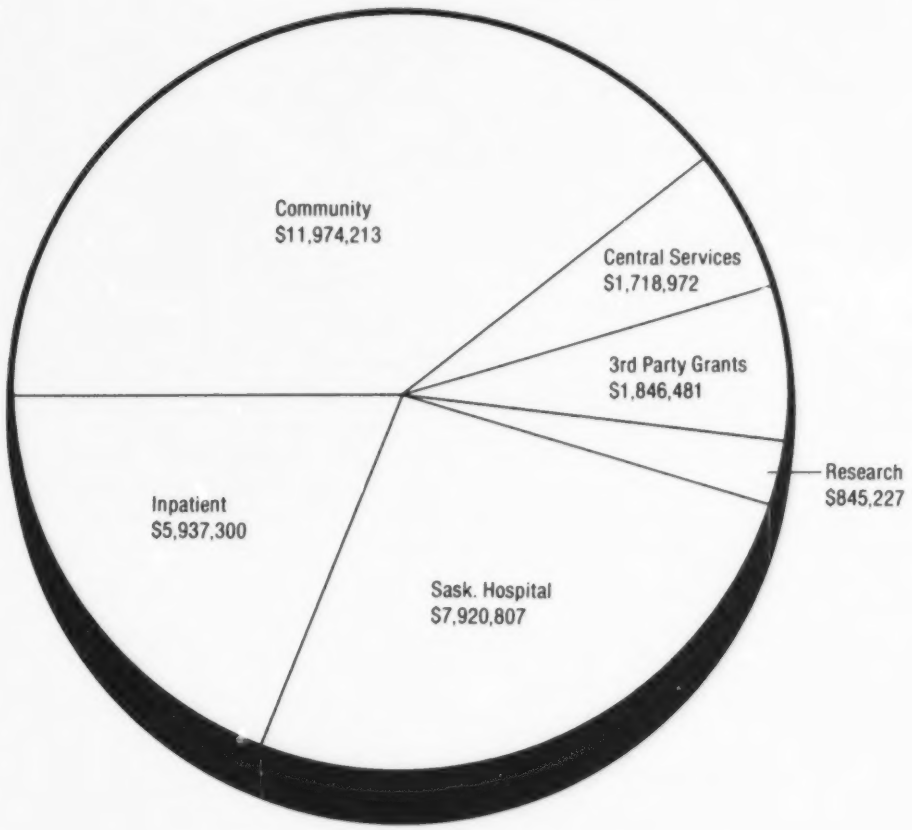
Table 27

Mental Health Services Branch
Staff by Discipline — 1988/1989

	Branch Admin. and Research	Regional Programs	Saskatchewan Hospital	Branch Total
Treatment Staff				
Psychiatrists/Physicians	0.0	11.0	1.0	12.0
Psychologists	1.0	51.0	1.0	53.0
Social Workers	0.0	63.0	1.0	64.0
Community Nurses	0.0	52.0	0.0	52.0
Speech and Reading Thrpsts.	0.0	2.0	0.0	2.0
Other Therapists	0.0	19.0	8.0	27.0
Subtotal — Perm. Pos.	1.0	198.0	11.0	210.0
Nonpermanent Positions	0.0	7.6	2.5	10.1
Total Positions (FTEs)	1.0	205.6	13.5	220.1
Nursing Group				
Professional Nurses	0.0	103.0	87.0	190.0
Nurse Aides	0.0	33.0	48.0	81.0
Ward Clerks, etc.	0.0	1.0	3.0	4.0
Subtotal — Perm. Pos.	0.0	137.0	138.0	275.0
Nonpermanent Positions	2.0	14.9	15.3	32.2
Total Positions (FTEs)	2.0	151.9	153.3	307.2
Other Staff				
Management	6.0	9.0	2.0	17.0
Administrative/Clerical	10.0	52.0	12.0	74.0
Tech./Lab./Other Prfsnl.	5.0	1.0	4.0	10.0
Service	0.0	1.0	57.0	58.0
Subtotal — Perm. Pos.	21.0	63.0	75.0	159.0
Nonpermanent Positions	2.3	10.7	8.8	21.8
Total Positions (FTEs)	23.3	73.7	83.8	180.8
Totals				
Permanent Positions	22.0	398.0	224.0	644.0
Nonpermanent Positions	4.3	33.2	26.6	64.1
Total Approved Positions	26.3	431.2	250.6	708.1
Psychiatrists on Contract*	0.6	29.9	1.5	32.0

* — approximate full time equivalents

Mental Health Services Branch
Expenditures — 1988/1989



Total Expenditures — $30,243,000

Laboratory and Disease Control Services Branch

Laboratory and Disease Control Services Branch

The Laboratory and Disease Control Services Branch performs tests on specimens received from hospitals and physicians, and on specimens collected for environmental monitoring.

The branch also manages the Tuberculosis Control Program, including identification, treatment, monitoring, education and prevention. The branch collects and analyzes statistics on the incidence of communicable disease in the province, and distributes vaccines to hospitals, doctors' offices, health regions and other medical centres.

Table 28

Variety and Volume of Services Provided
Provincial Laboratories, Saskatchewan 1987-88 and 1988-89

	Specimens (Thousands)		Work Units (Thousands)	
	1987-88	1988-89	1987-88	1988-89
Total Services*	895.0	943.4	15,443.7	14,657.8
Protective Services	108.4	112.2	3,231.8	2,561.1
Water — Private Wells and Swimming Pools	15.2	16.5	325.0	352.2
— Municipal Systems	14.0	13.8	182.0	167.5
— Commercial Chemical	2.9	3.3	308.1	339.3
— Dept. of Environment	3.4	2.9	625.0	621.6
Air Samples and Urea Formaldehyde	0.2	0.1	4.4	3.7
Dairy and Food	8.7	9.2	337.0	376.8
Screening Tests:				
Neonatal — PKU	17.5	17.3	146.3	157.7
Hypothyroidism	19.1	18.5	171.0	162.2
Rubella Immune Screen	25.8	29.1	815.0	87.2
Post-Mortem Toxic Substances	1.6	1.5	318.0	292.9
Diagnostic Services	786.6	831.2	12,211.9	12,096.7
Microbiology	292.8	282.3	7,276.6	6,888.7
Chemistry	493.8	548.9	4,935.3	5,208.0

* Figures from 1988-89 may not correspond to the 1987-88 Figures due to changes in testing menus and equipment.

Table III

Variety and Volume of Diagnostic Services Provided by the Provincial Laboratories: 1987-88 and 1988-89

	Specimens (thousands)		Work Units (thousands)	
	1987-88	1988-89	1987-88	1988-89
Total*	786.6	831.2	12,211.9	12,096.7
TOTAL MICROBIOLOGY	292.8	282.3	7,276.6	6,888.7
Syphilis	43.4	41.8	399.7	387.9
Gonorrhoea	3.2	4.0	35.2	44.0
Sore throats	26.4	23.5	263.8	235.4
Boils, wounds, tissue, blood and CSF	52.0	47.3	792.0	725.4
Media preparation	—	—	708.4	641.3
Urinary tract	46.4	40.8	696.2	612.5
Gastroenteritis	14.5	15.1	288.2	295.7
Tuberculosis	1.9	2.2	84.8	97.1
Parasites	15.5	15.4	414.0	498.6
Fungal infections	3.4	3.5	370.7	379.9
Rheumatic fever and collagen disorder	28.3	28.6	1,031.0	1,083.7
Virus infections — for isolation	37.5	43.2	1,038.6	1,358.9
— for rubella serology	6.0	6.9	815.0	243.6*
— for other serology	14.3	10.0	339.0	284.7
TOTAL CHEMISTRY	493.8	548.9	4,935.3	5,208.0
Radioimmunoassay	149.7	161.3	2,304.7	2,591.7
Enzymes-Metabolites — Drugs	325.0	357.8	2,030.3	1,880.9
Urine hormones	3.0	2.9	317.2	358.2
Trace metals in blood and urine	1.1	1.9	24.6	35.9
Proficiency testing — hospitals	3.1	3.5	179.2	205.8
Referrals — other laboratories	11.9	21.5	79.3	135.5

* Figures from 1988-89 may not correspond to the 1987-88 figures due to changes in testing menus and equipment.

Reported Cases and Deaths from Selected Notifiable Communicable Diseases, Saskatchewan 1984 — 1988

	Yearly Distribution									
	— 1984 —		— 1985 —		— 1986 —		— 1987 —		— 1988 —	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Acquired Immunodeficiency Syndrome (AIDS)	1	—	3	2	8	4	8	9	5	1
Ameobiasis	17	—	26	—	48	—	85	—	66	—
Brucellosis	—	—	—	—	—	—	—	—	—	—
Chickenpox*					1,378	—	1,664	—	1,353	—
Chlamydia			1,105	—	2,728	—	3,327	—	3,514	—
Diphtheria	—	—	—	—	—	—	—	—	1	—
Gastroenteritis	778	2	591	1	648	—	762	—	612	—
Giardiasis	254	—	215	—	277	—	675	—	774	—
Gonorrhoea	1,812	—	1,958	—	1,713	—	1,824	—	1,324	—
Hepatitis A	777	—	864	2	287	4	124	—	110	—
Hepatitis B	107	3	143	1	39	—	87	2	64	1
Hepatitis B Carrier	86	—	64	—	89	—	99	—	66	—
Herpes	—	—	302	—	248	3	326	—	317	—
Legionellosis*					1	3	—	—	—	1
Leprosy	—	—	—	—	—	—	—	—	1	—
Malaria	1	—	5	—	1	—	—	—	4	—
Measles	10	—	11	—	819†	—	650†	—	17†	—
Meningococcal Infections	3	2	2	—	9	1	10	—	10	—
Meningitis Bacterial										
Haemophilus	36	—	17	2	36	—	26	—	21	—
Pneumococcal	7	1	7	—	6	1	7	—	3	—
Other	15	1	9	1	6	1	13	2	10	1
Meningitis Viral or Aseptic	138	—	27	—	44	—	25	—	53	—
Mumps	21	—	23	—	10	—	40	—	28	—
Pertussis	31	—	43	—	14	—	17	—	57	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—
Rubella	31	—	27	—	230	—	33	—	7	—
Congenital Rubella	—	—	—	—	—	—	—	—	—	—
Salmonellosis	495	1	199	1	317	—	374	—	313	—
Shigellosis	324	1	252	—	503	—	240	—	184	—
Syphilis	28	—	19	—	4	—	7	—	6	—
Tuberculosis	94	7	123	5	135	10	141	5	135	17
Typhoid and Paratyphoid	5	—	3	—	—	—	2	—	—	—

* Incidence available as of 1986

† Of these 345 were confirmed cases for 1986, 93 for 1987 and 1 for 1988.

1984 - 1987 — Final mortality figures of Saskatchewan Residents (Stats. Canada)

1988 — Preliminary mortality figures (Saskatchewan Occurences only)

Reported Cases and Deaths from Selected Notifiable Communicable Diseases, Actual Rates Per 100,000 Population, Saskatchewan 1984 — 1988

	— 1984 —		— 1985 —		— 1986 —		— 1987 —		— 1988 —	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
AIDS	0.1	—	0.3	0.2	0.8	0.4	0.8	0.9	0.5	0.1
Ameobiasis	1.7	—	2.6	—	4.8	—	8.4	—	6.5	—
Brucellosis	—	—	—	—	—	—	—	—	—	—
Chickenpox*					136.4	—	164.1	—	133.6	—
Chlamydia	—	—	108.4	—	270.1	—	328.1	—	347.0	—
Diphtheria	—	—	—	—	—	—	—	—	—	—
Gastroenteritis (E Coli)	75.6	0.2	58.0	0.1	64.2	—	75.2	—	60.4	0.1
Giardiasis	24.7	—	21.1	—	27.4	—	66.6	—	76.4	—
Gonorrhoea	176.1	—	192.1	—	172.1	—	179.9	—	130.7	—
Hepatitis A	75.5	—	84.8	0.2	28.4	0.4	12.2	0.1	10.9	—
Hepatitis B	10.4	0.3	14.0	0.1	3.9	—	8.6	0.1	6.3	0.2
Hepatitis B Carrier	8.4	—	6.3	—	8.8	—	9.8	—	6.5	—
Herpes	—	—	29.6	—	24.5	—	32.1	0.1	31.3	—
Legionellosis*					0.1	0.3	—	—	—	—
Leprosy	—	—	—	—	—	—	—	—	0.1	—
Malaria	0.1	—	0.5	—	0.1	—	—	—	0.4	—
Measles	1.0	—	1.1	—	81.1†	—	64.1†	—	1.7†	—
Meningococcal Infections	0.3	0.2	0.2	—	0.9	0.1	1.0	0.1	1.0	—
Meningitis Bacterial Haemophilus	3.5	—	1.7	0.2	3.6	—	2.6	—	2.1	—
Pneumococcal	0.7	0.1	0.7	—	0.6	0.1	0.7	—	0.3	—
Other	1.5	0.1	0.7	0.2	0.6	0.1	1.3	0.1	1.0	—
Meningitis Viral or Aseptic	13.4	—	2.7	—	4.4	—	2.5	—	5.2	—
Mumps	2.0	—	2.3	—	1.0	—	3.9	—	2.8	—
Pertussis	3.0	—	4.2	—	1.4	—	1.7	—	5.6	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—
Rubella	3.0	—	2.7	—	22.8	—	3.3	—	0.7	—
Congenital Rubella	—	—	—	—	—	—	—	—	—	—
Salmonellosis	48.1	0.1	19.5	0.1	31.4	—	36.9	0.1	30.9	—
Shigellosis	31.5	0.1	24.7	—	49.8	—	23.7	—	18.2	—
Syphilis	2.7	—	1.9	—	0.4	—	0.7	—	0.6	—
Tuberculosis	9.1	0.7	12.1	0.5	13.4	1.0	13.9	0.5	13.3	0.6
Typhoid and Paratyphoid	0.5	—	0.3	—	—	—	0.2	—	0.1	—
Population***	1,029,000		1,019,500		1,010,200		1,014,000		1,012,800	

* Incidence available as of of 1986

*** Statistics Canada population figures (revised 1982)

† Of these, 345 were confirmed cases for 1986, 93 for 1987 and one for 1988.

1984 - 1987 — Final mortality figures of Saskatchewan Residents (Stats. Canada)

1988 — Preliminary mortality figures (Saskatchewan Occurences only)

Table 12

Sexually Transmitted Disease Trends Saskatchewan
Number of Reported Cases Per Annum

	1980	1981	1982	1983	1984	1985	1986	1987	1988
Gonorrhea	2,602	2,695	2,467	2,029	1,812	1,958	1,713	1,824	1,324
Syphilis	43	20	22	23	28	19	4	7	6
Herpes (genital)	11	27	24	52	79 (a)	299	248	326	317
Chlamydia (genital)				62	249 (a)	1,105	2,728	3,327	3,514
Clinical AIDS					1 (b)	3	8	8	5
Positive HIV Antibody						11 (c)	42	42	31

Note: a) Herpes and Chlamydia became reportable in June 1984
b) The first case of Clinical AIDS was reported in April 1984
c) These numbers of positive tests includes Clinical AIDS patients and duplicate tests. Testing commenced in October 1985

Sexually Transmitted Diseases

During the last ten years the number of cases and the rate per 100,000 for gonorrhoea and syphilis have generally declined.

In 1984, chlamydia infections became notifiable. The reported rate of chlamydia is now three times that of gonorrhoea.

Acquired Immunodeficiency Syndrome (AIDS)

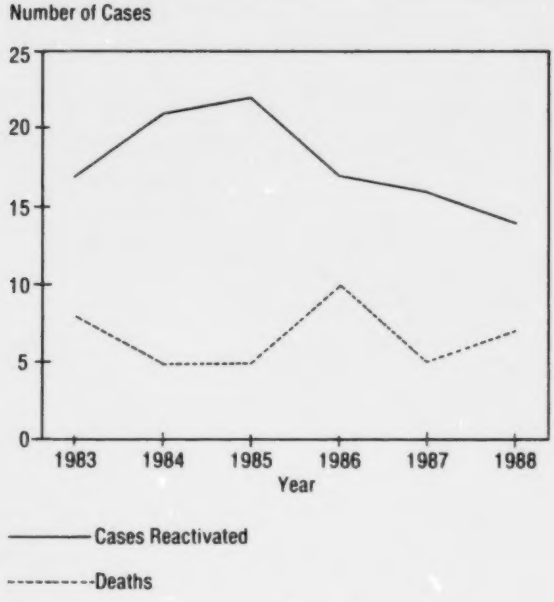
In 1988 five cases were reported compared with eight cases in 1987. The incidence rate of clinical AIDS in Saskatchewan remains lower than the national average. The cumulative number of clinical AIDS cases reported in Saskatchewan up until the end of 1988 was 25. There have been 16 deaths.

Table 13

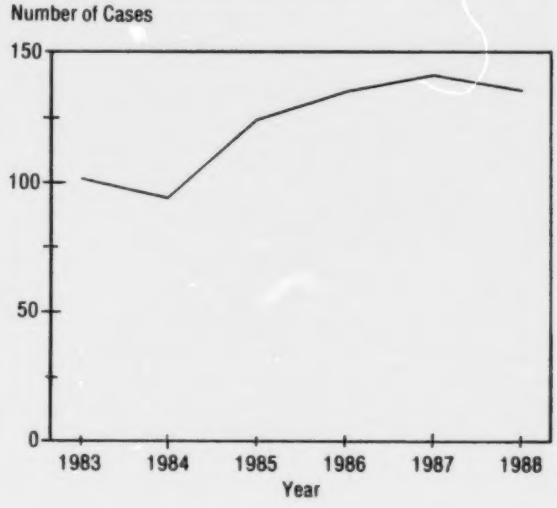
Gonorrhoea and Chlamydia Cases, Selected Years

	Gonorrhoea			Chlamydia		
	Male	Female	Total	Male	Female	Total
1983	1,295	734	2,029			
1984	1,198	614	1,812			
1985	1,245	713	1,958			
1986	1,057	656	1,713	728	2,000	2,728
1987	989	835	1,824	834	2,493	3,327
1988	700	624	1,324	850	2,664	3,514

Tuberculosis in Saskatchewan
Deaths and Reactivations by Year



Tuberculosis in Saskatchewan
Number of New Cases by Year



New and Reactivated Tuberculosis Cases by Health Region 1988-89

Health Region	New Cases	Reactives
Swift Current	1	—
Moose Jaw	2	—
Weyburn	2	—
Regina Rural	7	—
Rosetown	1	—
Saskatoon Rural	1	—
Yorkton — Melville	4	—
Melfort — Tisdale	9	1
Prince Albert	17	1
North Battleford	7	—
Northern Health	72	6
Regina	18	1
Saskatoon	13	5
	154	14

1988 — 41 new actives and reactives were less than 15 years old.

Changes in Communicable Disease and Tuberculosis Control Staffing and Funding

Communicable Disease Control		
Year	Staff	Funding
1986-87	7.7	$1,514,990
1987-88	6.5	$1,806,820
1988-89	6.5	$1,890,430

Tuberculosis Control		
Year	Staff	Funding
1987-88**	11.35	$ 714,277
1988-89	7.5	$ 669,100

** This was SHSP's grant to the third party.

Vaccine Distribution — Saskatchewan (By Doses)

Vaccine	1984-85	1985-86	1986-87	1987-88	1988-89
Oral Polio	138,480	153,450	161,590	149,510	150,480
DPT — Dab	6,025	6,215	5,330	4,305	3,965
DPT — Dash	71,050	83,560	100,900	87,550	85,220
MMR	23,300	25,750	24,720	26,130	21,670
Rubella	6,028	4,701	3,043	3,463	2,855
TD — Sound	3,855	3,670	2,565	*6,650	*11,015
TD — Solid	27,220	23,270	31,590	25,370	22,920
Rabies — HDCV	645	649	799	903	806

* Increase — introduction of Td to replace Tetanus

Laboratory and Disease Control
Branch Expenditures: 1987/88 — 1988/89

	Expend. 1987-88	Expend. 1988-89	% Change
1801			
Prov. Lab.	$4,696,380	$6,164,120	31.2
1802			
C.D. Control	1,806,820	1,678,700	−7.1
1803			
T.B. Control	714,277	623,150	−12.8
Totals	$6,503,200	$8,465,970	30.2

Four Year Comparisons of Provincial Laboratory
Funding, Staff and Work Units

Year	Staff*	Funding	Work Units	Work Units/FTE
1985-86	99.7	$4,160,400	14,397,00	144,403
1986-87	99.8	4,264,070	15,597,200	156,285
1987-88	100.8	4,696,380	15,443,700 **	153,211
1988-89	104.8	6,164,120	14,657,800 **	139,865

* This includes laboratory staff and management; it does not include CD Control, TB Control, Pharmacoepidemiology, or new P/Y's in Licensing.

** The drop in work units is due to the change in unit weighting that Statistics Canada gave to certain tests that became largely automated in recent years.